

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Construction of Public Sitting of Bagalagunte in Bagalagunte Ward
No.14

			Est. Cost Rs				20.00	Lakhs	
Description of Item	Unit	No	L	B	D	Qty	Rate	Amount	
Earth work Excavation for foundation of Buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width. In Hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specification No: KBS 2.1(b)/2.3.5(it: 2.4, P-5) 2016-17									
Near Maramma Temple	1	2	12.00	1.50	2.10	75.60	Cum		
	1	2	4.00	1.50	2.10	25.20			
						100.80	299.98	30238.00	
Basic Rate	283.00								
Add Area Weightage 6%	16.98								
Total	299.98								
2 KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost all materials, labour, HOM of machinery, curing complete as per specifications.(Page No: 12 itNo:4.3) 2016-17									
Near Maramma Temple	1	2	12.00	1.40	0.20	6.72	Cum		
	1	2	4.00	1.40	0.20	2.24			
Top flooring	1	1	12.00	7.00	0.15	12.60			
						21.56			
Deduct Opening	1	2	1.80	1.50	0.15	0.81			
						20.75	5159.02	107050.00	
Basic Rate	4867.00								
Add Area Weightage 6%	292.02								
Total	5159.02								
3 Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite land over existing floor in CM 1:4 at 20mm thick (average) and pointed with white / gey pigment etc., complete using black granite/ Multy Red/ Ruby Red/ Black/ Hassan Green Granite of width not less than 900mm, Page No. 107/ Item No. 14.47.2 / PWD SR 2016-17.									
Flagging	1	2	12.00	1.60		38.40	Sqm		
	1	2	4.00	1.60		12.80			
						51.20	2439.06	124880.00	
Basic Rate	2301.00								
Add Area Weightage 6%	138.06								

Total		2439.06							
KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2]									
KG			66.18	75.00		4963.61	MT		
					Say	4.96	65455.53	324896.00	
Basic Rate		61750.50							
Add Area Weightage 6%		3705.03							
Total		65455.53							
5	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm cum and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplasticiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, specification No. KBS 4.t, 4.6 .Page No. 13/ Item No.4.12 of PWD SR 2016-17.								
Footing							Cum		
	1	2	12.00	1.50	0.45	16.20			
	1	2	4.00	1.50	0.45	5.40			
Wall									
	1	2	12.00	$\frac{.75+.45}{2}$	2.00	28.80			
	1	2	4.00	$\frac{.75+.45}{2}$	2.00	9.60			
Top		1	1	9.50	3.10	0.15	4.42		
	2	4	2.10	0.20	0.30	1.01			
	2	4	2.10	0.20	0.30	0.76			
Step									
	1	1	1.20	0.75	1.20	1.08			
	1	1	1.50	0.75	1.20	1.35			
						68.61			
Deduct OPENING		1	2	1.80	1.50	0.45	2.43		
						66.18	6749.02	446660.00	
Basic Rate		6367.00							
Add Area Weightage 6%		382.02							
Total		6749.02							

Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15/ Item No. 4.31 of PWD SR 2016-17.								
Slab	2	2	12.00	0.45	21.60	Sqm		
	2	2	4.00	0.45	7.20			
Wall	2	2	12.00	2.00	64.80			
	2	2	4.00	2.00	21.60			
					115.20	310.58	35779.00	
Basic Rate	293.00							
Add Area Weightage 6%	17.58							
Total	310.58							
7 Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc., Page No. 107/ Item No. 14.46 of PWD SR 2016-17.-								
Landing	1	1	1.20	0.75	0.90	Sqm		
Steps								
Thread	1	10	0.75	0.30	2.25			
Riser	1	12	0.75	0.15	1.35			
	2	4	2.10	0.30	5.04			
	2	4	1.50	0.30	3.60			
Top	1	1	10.45	4.05	42.32			
	1	2	10.45	0.30	6.27			
	1	2	3.40	0.30	2.04			
					63.77	6067.44	386936.00	
Basic Rate	5724.00							
Add Area Weightage 6%	343.44							
Total	6067.44							
8 Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including curing etc. Page No. 108/ Item No. 14.49 / PWD SR 2016-17								
	1	2	10.00	1.20	24.00	Sqm		
	1	2	3.00	1.20	7.20			
					31.20	3738.62	116645.00	
Basic Rate	3527.00							
Add Area Weightage 6%	211.62							
Total	3738.62							

	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, jabbur for all items of work, HOM of equipment etc., complete as per specification Page No. 108/ Item No. 14.53 / PWD SR 2016-17.							
		1	2	12.00		24.00	Rmtr	
		1	2	4.00		8.00		
						32.00	503.50	16112.00
	Basic Rate	475.00						
	Add Area Weightage 6%	28.50						
	Total	503.50						
10	Providing full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification Page No. 108/ Item No. 14.55 / PWD SR 2016-17.							
		2	6	1.05		12.60	M	
		1	1	2.75		2.75		
		2	4	2.10		16.80		
		2	2	1.50		6.00		
						38.15	252.28	9624.00
	Basic Rate	238.00						
	Add Area Weightage 6%	14.28						
	Total	252.28						
11	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Page No. 43/ Item No. 7.38 of PWD SR 2016-17.							
		1	1	34.00	1.20	40.80	Cum	
		1	1	5.20	0.90	4.68		
						45.48	6515.82	296339.00
	Basic Rate	6147.00						
	Add Area Weightage 6%	368.82						
	Total	6515.82						
12	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2015-16							

		Qty Vide Item No. 1	100.80	82.93	8360.00
loading & unloading	68				
Lead 4 KMs 2x1.28x4	10.24				
	78.24				
Area Weightage @6%	4.69				
Total	82.93				
				Sub Total	1903519.00
13	Qc & Tender Premium 5%				95176.00
14	Miscellaneous and Unforeseen Charges				1305.00
				Total Rs	2000000.00

(Rupees. Twenty Lakhs only)

CERTIFICATE:-

- 1 The Work spot has been inspected and the work is found to be necessary
- 2 The modified Estimate is prepared as per the PW,P & IWTD -SR-2016-17, issue rates and schedule- B rates
- 3 The Provision made in estimate are adequate and essential.
- 4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ಸಂ. EE/DD/AS/583 ದಿನಾಂಕ : 11/12/17
17-18
ರೂ. Twenty lakhs only
(20.00)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ, ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. EE/DD/TS/417 ದಿನಾಂಕ : 11/12/17
ರೂ. Twenty lakhs only
(20.00)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ದಾಸರಹಳ್ಳಿ, ವಲಯ, ಬೆಂಗಳೂರು.